

## Areas of Application

JK Super Protect is suitable for all cement related applications such as:

- Foundation Work
- Slab Casting
- All RCC Elements
- Damp Proof Course (DPC)
- Drainage Work
- Plaster Work



## Value Added Customer Technical Services

JK Super Protect provides the following customer technical services as assistance to the customers:



Concrete testing at JK Concrete Innovation and Application Centre (CIAC)



Slab Supervision by Qualified Civil Engineer



Free Concrete Mix Design



NDT/Rebound Hammer Test



Sand, Coarse Aggregates and Water Testing



Cover Blocks/ Shuttering Tape on Slab Casting Application



Slump Cone and Concrete Testing at Site



"Service on Wheels" Mobile Concrete Technical Lab



Live demo of JK Super Protect at site on request basis and prior appointment

500+ Technical Executives

70+ Mobile Technical Labs

3 Concrete Innovation Centres

Call us at : 1800-266-4606



### Customer Technical Services :

Prism Tower, 4<sup>th</sup>, 5<sup>th</sup> & 7<sup>th</sup> Floor, Faridabad – Gurugram Road, Baliawas  
Bandhwari, Gwalpahari, Gurugram – Haryana - 122102  
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Helpline : 1800-266-4606 | Website : www.jkcement.com



**JK SUPER<sup>TM</sup>**  
**PROTECT**  
**Weather Shield**  
**BUILD SAFE**



## Product Guide



Water Resistant



Corrosion Resistant



Enhances Concrete Durability



Better Workability



## Company Overview

JK Cement Ltd. is one of the leading cement manufacturers in India that has catered to the nation's multi-sectoral infrastructure needs on the strength of its product excellence, customer orientation, and technology leadership. The company, which has formerly been focused on the north and central Indian markets, has begun to expand its market presence into new geographies, JK Cement's aspirations for global growth are currently being addressed via our white-cum-grey cement plant in Fujairah, UAE.

Since, our inception in 1974 we have grown and evolved to continually meet the changing needs of our customers and partners. We are proud producers of Grey Cement, White Cement, Wood Coatings, and now geared up to enter the highly dynamic paint industry.

**~15 MTPA**  
Cement Production Capacity

**7**  
Plants in Rajasthan, Haryana, Gujarat, Karnataka and Uttar Pradesh (upcoming in Madhya Pradesh & Eastern UP)

**45+**  
Years of Experience in Cement Manufacturing

**15K+**  
Dealer and Retailer Base; Pan-India Presence



JK Super Protect is the PERFECT SOLUTION for all the problems caused due to seepage and penetration of water-

- It is a pre-mix uniform material with optimized mixing of ingredients for excellent performance
- Reduces water permeability
- It gives reduced chloride permeability in concrete
- Longer shelf life

## Tamper Proof Packaging:

JK Super Protect comes in Tamper Proof Packaging which ensures consistent quality and exact quantity with improved shelf life and hassle-free storage.

## Advantages and Benefits of JK Super Protect Weather Shield Cement

**Weather Resistance and Higher Durability:** With advanced technology and micro particles addition, JK Super Protect gives excellent weather resistance to the structure and it also reduces the chances of ingress of harmful salts, gases, micro-organisms, resulting in higher durability of the structure.

**Better Workability:** Due to enhanced particle size distribution and micro air inclusion, JK Super Protect always gives better workability in comparison to normal cement.

**Dampness and Corrosion Resistance:** Reduction of micro pores and channels plays a vital role in preventing ingress of oxygen and water in concrete, therefore prevents dampness in the structure as well as protects reinforcement steel from corrosion.

**Seepage Resistance:** JK Super Protect forms a water seepage protective layer, which blocks the flow of water through micro pores and channels, hence improves seepage resistance.

**Reduced Salt Efflorescence:** Excellent water penetration resistance of JK Super Protect helps in prevention of salt efflorescence on the surface of mortar and concrete.

**Safe & Durable Construction:** JK Super Protect is a tailor made cement containing sufficient dosage of reactive silica which helps in early as well as lateral gain of strength in concrete. Higher the strength of concrete, safer the stability of structure.

## JK Super Protect Weather Shield Cement

JK Super Protect is a water repellent cement having an integral water repellent property at the cement particle level manufactured through a technology developed in-house. This Cement is manufactured with performance enhancers enabling resistance to penetration of water in mortar, plaster & concrete. This property is further enhanced by modifying the particle size distribution and fineness of cement through an innovative technique. It significantly reduces water permeation to concrete or mortar, which results in dry walls and healthy indoor climate.

## Why JK Super Protect Weather Shield Cement?

Water is the most affecting and harmful factor, which causes harm to any building. It can make penetration through cracks in floors and walls, capillary action in walls and seepage from plaster & brickwork. With leakage and dampness, water brings micro organism, harmful salts, harmful gases into the building and causes-

- Deterioration in the aesthetics of the building
- Extra expenses for repairing and painting works
- Hygiene issues etc.

Following are some examples of adverse effects of water



## Cost Saving

JK Super Protect prevents seepage and penetration of water into the building (slabs/walls) and hence saving the costs associated with frequent painting and coating works.



The average cost incurred in construction (considering 1000 sq.ft. house):

	Ordinary Cement	JK Super Protect
Cement rate per bag (₹)*	345	400
Cement cost per Kg (₹)	6.9	8
Per Sq. ft. cement consumption (Kg.)	20	20
Cost of cement per Sq. ft. (₹)	138	160
Average cost of construction per Sq. ft. (₹)	1300	1322
Total cost of the construction (without land) (₹) 1000 Sq. ft.	1300000	1322000
Cost difference (₹)		22000

\*Cost of bag is indicative only. It may vary from place to place.

At just ₹ 22000 extra, which is 1.66% of the total cost of the construction, you get a long lasting, durable, strong, water resistant, free from efflorescence, healthy (free from fungus due to moisture) home. Investing in JK Super Protect for your DREAM HOME is a wise decision.